

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| S1    | 1     | "6761702"   | USPAT   | OR               | OFF     | 2009/06/10<br>12:53 |
| S2    | 1     | "6918517"   | USPAT   | OR               | OFF     | 2009/06/10<br>12:53 |
| S3    | 17    | "4842580"   | USPAT   | OR               | OFF     | 2009/06/10<br>12:53 |
| S4    | 1     | "20060264808"   | US-PGPUB  | OR               | OFF     | 2009/06/10<br>12:57 |
| S5    | 2     | "4943285"   | US-PGPUB  | OR               | OFF     | 2009/06/10<br>12:58 |
| S6    | 1     | "4943285" and Hawks   | US-PGPUB  | OR               | OFF     | 2009/06/10<br>12:58 |
| S7    | 12    | "4943285" and Hawks   | USPAT   | OR               | OFF     | 2009/06/10<br>13:12 |
| S8    | 3     | ((CHALLENGE) near2 (WAYOFF)).<br>INV.   | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2009/06/10<br>13:13 |
| S9    | 16    | US-6761702-\$.DID. OR US-<br>6918517-\$.DID. OR US-4842580-<br>\$.DID. OR US-4943285-\$.DID.<br>OR US-1658754-\$.DID. OR US-<br>2691373-\$.DID. OR US-5899878-<br>\$.DID. OR US-5351674-\$.DID. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/06/10<br>13:14 |
| S10   | 0     | "10792086"  | USPAT   | AND              | OFF     | 2009/06/10<br>15:19 |
| S11   | 0     | "10792086"  | US-PGPUB  | AND              | OFF     | 2009/06/10<br>15:19 |
| S12   | 9     | ("3735751"   "3771522"  <br>"3823714"   "3908660"  <br>"4519385"   "4637814"  <br>"5397304"   "5443445"  <br>"5860916").PN. OR ("6761702").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2009/06/10<br>16:45 |
| S13   | 30    | ("2148541"   "2252569"  <br>"2257072"   "2420586"  <br>"2564135"   "2606557"  <br>"2617416"   "2873739"  <br>"3401694"   "3678932"  <br>"3771522").PN. OR ("3823714").<br>URPN.                 | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2009/06/10<br>16:53 |
| S14   | 77152 | Colon or intesti\$3 near5 (douche<br>or lavage or irrigation or irrigator<br>or enema or hydrotherapy) and<br>(multiple near1 lumen or dual<br>near1 chamber)                                   | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2009/06/10<br>16:58 |

|     |       |   |                                       |     |     |                     |
|-----|-------|---|---------------------------------------|-----|-----|---------------------|
| S15 | 97523 | Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and (multiple near1 lumen or dual near1 chamber)   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>16:58 |
| S16 | 97530 | Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual chamber   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>16:59 |
| S17 | 97523 | Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>16:59 |
| S18 | 97523 | Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | ADJ | ON  | 2009/06/10<br>16:59 |
| S19 | 97523 | Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>17:00 |
| S20 | 97523 | Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber and (obturator or insertor or inserting near device)              | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>17:00 |
| S21 | 97523 | Colon or intesti\$3 near5 (douche or lavage or irrigation or irrigator or enema or hydrotherapy) and @ay<="2004" and dual near1 chamber and groove near2 (obturator or insertor or inserting near device) | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>17:01 |
| S22 | 395   | 604/39  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | OR  | ON  | 2009/06/10<br>17:17 |
| S23 | 351   | 604/39 and @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>17:18 |
| S24 | 351   | 604/39 and @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/10<br>17:18 |
| S25 | 14    | ("0801924"   "2691373"   "3374790"   "3802418").PN. OR ("4986822").URPN.  | US-PGPUB;<br>USPAT; USOCR             | OR  | OFF | 2009/06/10<br>18:54 |
| S26 | 1949  | 604/43  | US-PGPUB;<br>USPAT; USOCR             | OR  | OFF | 2009/06/10<br>19:16 |
| S27 | 229   | 604/43 and (anal or anus or rectum or rectal or intestin\$3 or colon)   | US-PGPUB;<br>USPAT; USOCR             | OR  | OFF | 2009/06/10<br>19:16 |

|     |      |  |   |     |     |                     |
|-----|------|--|---|-----|-----|---------------------|
| S28 | 187  | 604/43 and (anal or anus or rectum or rectal or intestin\$3 or colon) and @ay<="2003" not S24  | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2009/06/10<br>19:17 |
| S29 | 23   | US-4190059-\$.D.ID. OR US-4626239-\$.D.ID. OR US-4645497-\$.D.ID. OR US-4682979-\$.D.ID. OR US-4842580-\$.D.ID. OR US-4874363-\$.D.ID. OR US-5788650-\$.D.ID. OR US-5860916-\$.D.ID. OR US-5871463-\$.D.ID. OR US-6106506-\$.D.ID. OR US-6228048-\$.D.ID. OR US-D449104-\$.D.ID. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/10<br>21:06 |
| S30 | 4205 | (obturator or insertor or inserting near1 device) and (groove or track or slot) and (catheter or tube or cannula)  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | OFF | 2009/06/10<br>21:10 |
| S31 | 140  | (obturator or insertor or inserting near1 device) near4 (groove or track or slot) and (catheter or tube or cannula) and @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | OFF | 2009/06/10<br>21:10 |
| S32 | 13   | ("2541542"   "3039468"   "5279553"   "5360416"   "5651790"   "5667514"   "5779624"   "5853391"   "5908431").PN. OR ("6283948").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2009/06/10<br>21:16 |
| S33 | 5    | nozzle and vortex and trapezoidal near2 (apertures or outlets or openings or holes)  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | OFF | 2009/06/11<br>15:15 |
| S34 | 0    | nozzle near "2" headand vortex and trapezoidal near2 (apertures or outlets or openings or holes)   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | OFF | 2009/06/11<br>15:15 |
| S35 | 0    | nozzle near2 head and vortex and trapezoidal near2 (apertures or outlets or openings or holes)   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | OFF | 2009/06/11<br>15:15 |
| S36 | 5    | nozzle near2 head and trapezoidal near2 (apertures or outlets or openings or holes)  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | OFF | 2009/06/11<br>15:16 |
| S37 | 14   | ("0681010"   "0937292"   "1602215"   "2470293"   "3469575"   "3575160").PN. OR ("3842834").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR  | OFF | 2009/06/11<br>15:19 |
| S38 | 1    | ("681010").URPN.   | USPAT   | OR  | OFF | 2009/06/11<br>15:22 |
| S39 | 2166 | (apertures or holes or outlets) near2 vortex   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | ON  | 2009/06/11<br>15:24 |
| S40 | 44   | (apertures or holes or outlets) near2 vortex and trapezoidal   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | ON  | 2009/06/11<br>15:24 |
| S41 | 56   | (apertures or holes or outlets) near2 vortex and medical   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT                                   | AND | ON  | 2009/06/11<br>15:29 |

|     |       |  |                                       |     |     |                     |
|-----|-------|--|---------------------------------------|-----|-----|---------------------|
| S42 | 3460  | insertion near rod and (groove or slot)  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>15:32 |
| S43 | 1894  | insertion near rod and (groove or slot) and (lengthwise or longitudinal)   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>15:33 |
| S44 | 156   | insertion near rod near4 (groove or slot) and (lengthwise or longitudinal)   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>15:33 |
| S45 | 8     | insertion near rod near4 (groove or slot) and (lengthwise or longitudinal) and medical   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>15:33 |
| S46 | 14    | insertion near rod near4 (groove or slot) and medical  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>15:50 |
| S47 | 14    | insertion near rod near4 (groove or slot) and medical  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>15:50 |
| S48 | 10    | insertion near rod near4 groove and ridge  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>15:51 |
| S49 | 26    | "5730726"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/11<br>16:14 |
| S50 | 13    | ("2541542"   "3039468"   "5279553"   "5360416"   "5651790"   "5667514"   "5779624"   "5853391"   "5908431").PN. OR ("6283948").URPN. | US-PGPUB;<br>USPAT; USOCR             | OR  | OFF | 2009/06/12<br>14:15 |
| S51 | 33    | ("4166469"   "4243050"   "4345606").PN. OR ("5667514").URPN.   | US-PGPUB;<br>USPAT; USOCR             | OR  | OFF | 2009/06/12<br>14:21 |
| S52 | 25505 | insertion rod comprising (groove or slot) flexible member  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:33 |
| S53 | 7037  | insertion rod comprising (groove or slot) flexible member guiding  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:33 |
| S54 | 1044  | insertion rod comprising (groove or slot) flexible member guiding two lumen  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:33 |
| S55 | 507   | insertion rod comprising (groove or slot) flexible member guiding two lumen @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:34 |
| S56 | 96    | insertion rod comprising (groove or slot) flexible member guiding two lumen @ay<="2003" and (colon or rectal or anal or anus)        | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:34 |
| S57 | 364   | 604/510  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:44 |
| S58 | 66    | 604/510 and groove   | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:44 |
| S59 | 63    | 604/95.02  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>14:55 |

|     |         |  |                           |     |     |                     |
|-----|---------|--|---------------------------|-----|-----|---------------------|
| S60 | 22      | ("4601705"   "4738666"   "4758222"   "4846174"   "4917104"   "5055101"   "5123903"   "5152748"   "5315996"   "5571085"   "5843017"   "6017340"   "6146381"   "6156018"   "6190353"   "6200315"   "6231518"   "6283951"   "6309379").PN. OR ("6802835").URPN. | US-PGPUB;<br>USPAT; USOCR | OR  | OFF | 2009/06/12<br>14:57 |
| S61 | 1551565 | guiding rod catheter or tube   | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:02 |
| S62 | 1551066 | guiding near rod catheter or tube  | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:02 |
| S63 | 155     | guiding near rod (catheter or sheath)  | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:03 |
| S64 | 89      | guiding near rod (catheter or sheath) @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:03 |
| S65 | 49      | guiding near rod (catheter or sheath) @ay<="2003" (groove or slot)   | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:03 |
| S66 | 0       | (front near end or distal) infusion and (hole of spetures of outlets) and inlet  | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:06 |
| S67 | 1201    | (front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003"   | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:06 |
| S68 | 886     | (front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical   | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:06 |
| S69 | 377     | (front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and head  | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:06 |
| S70 | 84      | (front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and nozzle  | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:06 |
| S71 | 240     | (front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and (douche or irriga\$4 or cleaning or hydrotherapy)   | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:09 |
| S72 | 240     | (front near end or distal) infusion and (hole or apertures or outlets) and inlet and @ay<="2003" and medical and (douche or irriga\$4 or cleaning or hydrotherapy) and (medic\$3)  | US-PGPUB;<br>USPAT; USOCR | AND | OFF | 2009/06/12<br>15:09 |

|     |     |  |                                       |     |     |                     |
|-----|-----|--|---------------------------------------|-----|-----|---------------------|
| S73 | 87  | 604/166.01   | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:19 |
| S74 | 938 | hydrotherapy   | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:23 |
| S75 | 38  | hydrotherapy and colon   | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:23 |
| S76 | 15  | 604/267 and (rectal or rectum or anus or anal or colon or intestinal)  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:27 |
| S77 | 16  | 604/267 and (rectal or rectum or anus or anal or colon or intestinal)  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:27 |
| S78 | 579 | 604/257  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:28 |
| S79 | 49  | 604/257 and (rectal or rectum or anus or anal or colon or intestinal)  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:28 |
| S80 | 24  | 604/911  | US-PGPUB;<br>USPAT; USOCR             | AND | OFF | 2009/06/12<br>15:33 |
| S81 | 17  | ("4036235"   "4106493"   "4201212"   "4206756"   "4244377"   "4258714"   "4804362"   "5309899"   "5364343"   "5395357"   "5944711").PN. OR ("6210358"). URP.N.       | US-PGPUB;<br>USPAT; USOCR             | OR  | OFF | 2009/06/12<br>15:36 |
| S82 | 20  | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and pressur\$4 and medical | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/12<br>16:35 |
| S83 | 0   | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical and vortex     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/12<br>16:49 |
| S84 | 25  | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical                | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/12<br>16:49 |
| S85 | 5   | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and fluid and medical not S82        | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/12<br>16:49 |
| S86 | 770 | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end)                                      | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON  | 2009/06/12<br>17:07 |

|      |      |  |                                       |     |    |                     |
|------|------|--|---------------------------------------|-----|----|---------------------|
| S87  | 6    | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) vortex                           | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>17:07 |
| S88  | 306  | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and (catheter or tube or nozzle) | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>17:10 |
| S89  | 14   | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and nozzle and jet               | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:01 |
| S90  | 3    | trapezoidal near3 (outlets or openings or apertures or holes) and (anterior or distal or forward near facing or front near end) and nozzle near2 head            | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:02 |
| S91  | 31   | trapezoidal near3 (outlets or openings or apertures or holes) nozzle near2 head  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:05 |
| S92  | 828  | trapezoidal nozzle near2 head  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:05 |
| S93  | 403  | trapezoidal and nozzle near2 head and @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:06 |
| S94  | 295  | trapezoidal and nozzle near2 head and @ay<="2003" and jet  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:06 |
| S95  | 353  | trapezoidal (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:06 |
| S96  | 20   | trapezoidal near4 (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003"  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:06 |
| S97  | 0    | trapezoidal near6 (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003" and medic\$3   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:08 |
| S98  | 10   | trapezoidal and nozzle near2 head and @ay<="2003" and medic\$3   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:09 |
| S99  | 1004 | nozzle near2 head and @ay<="2003" and medic\$3   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:14 |
| S100 | 129  | trapezoidal (apertures or holes or outlets or openings) and nozzle near2 head and @ay<="2003" not ink  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND | ON | 2009/06/12<br>19:14 |

|      |        |  |                                       |      |    |                     |
|------|--------|--|---------------------------------------|------|----|---------------------|
| S101 | 1487   | forward near facing and (outlet or aperture or hole or opening) and nozzle                           | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:18 |
| S102 | 40     | forward near facing and (outlet or aperture or hole or opening) and nozzle and trapezoid\$2          | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:18 |
| S103 | 30     | anterior and plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:20 |
| S104 | 1777   | plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2                  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:21 |
| S105 | 1777   | plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2                  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | WITH | ON | 2009/06/12<br>19:22 |
| S106 | 1777   | plurality near2 (outlet or aperture or hole or opening) and nozzle and trapezoid\$2                  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | SAME | ON | 2009/06/12<br>19:22 |
| S107 | 212169 | nozzle head  | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:22 |
| S108 | 24056  | nozzle near head   | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:22 |
| S109 | 3412   | nozzle near head and plurality near3 (apertures or holes or outlets or openings)                     | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:23 |
| S110 | 42     | nozzle near head and plurality near3 (apertures or holes or outlets or openings) and medical not ink | US-PGPUB;<br>USPAT; USOCR;<br>DERWENT | AND  | ON | 2009/06/12<br>19:23 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query   | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------|------------------|---------|------------------|
| S111  | 399  | 604/39   | USPAT; UPAD | OR               | ON      | 2010/04/08 21:16 |
| S112  | 49   | 604/39 and (vortex or high near pressure)                | USPAT; UPAD | AND              | ON      | 2010/04/08 21:16 |
| S113  | 0    | 604/39 and (vortex or high near pressure) and tapezoidal | USPAT; UPAD | AND              | ON      | 2010/04/08 21:16 |

4/ 10/ 2010 12:33:35 PM

C:\Documents and Settings\dranade\My Documents\EAST Workspaces\10792086Hydrotherapy.wsp